

Превод от английски език

Мидеа [Midea] - бланка и лого

ЕС Декларация за съответствие

Настоящата Декларация за съответствие е издадена на изключителната отговорност на

Наименование на производителя: ГД Мидеа Хийтинг & Вентилейтинг Икуипмънт Ко.,
Лтд. [GD Midea HEATING & VENTILATING Equipment Co., Ltd.]

Адрес на производителя: Мидеа Индъстриал сити, Шунде, Фошан, Гуандун, Китайска НР

Декларираме, че продуктът:

Тип на продукта: Моноблок

Марка: Midea

Модели:

MHC-V18W/D2N8	MHC-V26W/D2N8
MHC-V22W/D2N8	MHC-V30W/D2N8

Е в съответствие с долупосочените директиви, включително техните последни изменения, и приложимото действащо национално хармонизирано законодателство:

- | | |
|---|----------------|
| <input checked="" type="checkbox"/> Директива относно ниското напрежение (LVD) | 2014/35/ЕС |
| <input checked="" type="checkbox"/> Директива относно електромагнитната съвместимост (EMC) | 2014/30/ЕС |
| <input checked="" type="checkbox"/> Директива относно машините (MD) | 2006/42/ЕО |
| <input checked="" type="checkbox"/> Директива относно оборудването под налягане (PED)
Съгласно модул А2 Сертификат № Z-PRC-20-03-662082-005, издаден от нотифициран орган № СЕ 0036, ТЮФ ЗЮД [TÜV SÜD] | 2014/68/ЕС |
| <input checked="" type="checkbox"/> Директива относно отпадъци от електрическо и електронно оборудване (WEEE) | 2012/19/ЕС |
| <input checked="" type="checkbox"/> Директива относно ограничението за употребата на определени опасни вещества в електрическото и електронното оборудване (RoHS) | 2011/65/ЕС |
| <input checked="" type="checkbox"/> Директива относно екодизайна (ERP) | 2009/125/ЕО |
| <input type="checkbox"/> Директива относно обозначаването на консумацията на енергия | (ЕО) 2017/1369 |

При оценяване на съответствието с тези директиви са приложени следните стандарти:

<input checked="" type="checkbox"/> EN 60335-1:2012/A13:2017	LVD	<input type="checkbox"/> EN 61000-6-4/A1:2011	EMC промишлена среда
<input checked="" type="checkbox"/> EN 60335-2-40:2003/A13:2012	LVD	<input type="checkbox"/> EN 61000-6-2:2017	EMC промишлена среда
<input checked="" type="checkbox"/> EN 60335-2-21:2003/A2:2008	LVD	<input checked="" type="checkbox"/> EN 62233:2008	MD
<input checked="" type="checkbox"/> EN 62233:2008	LVD	<input type="checkbox"/> EN 14511-2:2018	ERP
<input checked="" type="checkbox"/> EN 378-2:2016	MD и PED	<input type="checkbox"/> EN 14511-3:2018	ERP
<input checked="" type="checkbox"/> EN 61000-6-3:2007/A1:2011	EMC промишлена среда	<input checked="" type="checkbox"/> EN 14825:2016	ERP
<input checked="" type="checkbox"/> EN IEC 61000-6-1:2019	EMC промишлена среда	<input checked="" type="checkbox"/> EN 12102-1:2017	ERP

Pb (олово) ≤ 600 ppm (частици на милион);

Hg (живак) ≤ 600 ppm;

CrVI (шествалентен хром) 600 ppm;
Cd (кадмий) ≤ 75 ppm;
Полибромирани бифенили (PBВ) ≤ 600 ppm;
Полибромирани бифенил етери (PBDE) ≤ 600 ppm;

Забележка: Настоящата декларация губи своята валидност, ако бъдат въведени технически или експлоатационни промени без съгласието на производителя.

Дата: 5/6/2020 г.

Упълномощено лице: [подпис - не се чете]

Кръгъл печат на ГД Мидеа Хийтинг & Вентилейтинг Икуипмънт Ко., Лтд.

Данни на ГД Мидеа Хийтинг & Вентилейтинг Икуипмънт Ко., Лтд.

Долуподписаната, Елена Константинова Влахова-Илиева, удостоверявам верността на извършения от мен превод от английски на български език на настоящия документ. Преводът се състои от 2 (две) страници.

Преводач: /Елена Влахова-Илиева/

EU Declaration of Conformity

This declaration of conformity is issued under the sole responsibility of

Manufacturer's Name: GD Midea HEATING&VENTILATING Equipment Co.,Ltd.

Manufacturer's Address: Midea Industrial City, Shunde, Foshan, Guangdong, P.R. China

We declare that the product:

Product type: Monobloc

Brand: Midea

Models:

MHC-V18W/D2N8	MHC-V26W/D2N8
MHC-V22W/D2N8	MHC-V30W/D2N8

Complies with the following directives, including the most recent amendments, and the relevant National harmonization legislation currently in force:

<input checked="" type="checkbox"/> Low Voltage Directive	2014/35/EU
<input checked="" type="checkbox"/> Electromagnetic Compatibility (EMC) Directive	2014/30/EU
<input checked="" type="checkbox"/> Machinery Directive	2006/42/EC
<input checked="" type="checkbox"/> Pressure Equipment Directive	2014/68/EU
According to module A2 Certificate N°. Z-PRC-20-03-662082-005 issued by Notified Body N° CE 0036, TÜV SÜD	
<input checked="" type="checkbox"/> Waste electrical and electronic equipment (WEEE) Directive	2012/19/EU
<input checked="" type="checkbox"/> RoHS	2011/65/EU
<input checked="" type="checkbox"/> Eco design	2009/125/EC
<input type="checkbox"/> Energy Label	(EU) 2017/1369

For the evaluation of the compliance with this directives, the following standards were applied:

<input checked="" type="checkbox"/> EN 60335-1:2012/ A13:2017	LVD	<input type="checkbox"/> EN 61000-6-4/A1:2011	EMC industrial
<input checked="" type="checkbox"/> EN 60335-2-40:2003/A13:2012	LVD	<input type="checkbox"/> EN 61000-6-2:2017	EMC industrial
<input checked="" type="checkbox"/> EN 60335-2-21:2003/A2:2008	LVD	<input checked="" type="checkbox"/> EN 62233:2008	MD
<input checked="" type="checkbox"/> EN 62233:2008	LVD	<input type="checkbox"/> EN 14511-2:2018	ERP
<input checked="" type="checkbox"/> EN 378-2:2016	MD&PED	<input type="checkbox"/> EN 14511-3:2018	ERP
<input checked="" type="checkbox"/> EN 61000-6-3:2007/A1:2011	EMC commercial	<input checked="" type="checkbox"/> EN 14825:2018	ERP
<input checked="" type="checkbox"/> EN IEC 61000-6-1:2019	EMC commercial	<input checked="" type="checkbox"/> EN 12102-1:2017	ERP

- Pb(Lead) ≤ 600ppm;
- Hg(Mercury) ≤ 600ppm;
- CrVI (hexavalent Chromium) ≤ 600ppm;
- Cd(Cadmium) ≤ 75ppm;
- Polybrominated Biphenyls (PBB) ≤ 600ppm;
- Polybrominated Biphenyl Ethers (PBDE) ≤ 600ppm;

Note: This declaration becomes invalid if technical or operational modifications are introduced without the manufacturer's consent.

Date: 2020/6/5

Authorization:  

广东美的暖通设备有限公司 GD Midea Heating&Ventilating Equipment Co.,Ltd.

地址：中国广东省佛山市顺德区北滘镇美的工业城 邮编：528311

Address: Midea Industrial City, Beijiao, Shunde, Foshan, Guangdong, P.R.China Postcode: 528311

电话 Tel: +86-757-26338495 传真 Fax: +86-757-22390205

网址 Website: <http://www.midea.com> <http://cac.midea.com>



CERTIFICATE OF ENVIRONMENTAL MANAGEMENT SYSTEM

Certificate No. 15921E20038R3L

This is to certify that the environmental management system of
GD Midea Heating & Ventilating Equipment Co., Ltd.
(Unified Social Credit Code 914406067811533917)

Registered Address: Penglai Industry Avenue, Beijiao Town, Shunde District, Foshan City, Guangdong Province,
P. R. China

is in conformity with
GB/T24001-2016 / ISO14001:2015

The environmental management system is applicable to:

Certification Address: Penglai Industry Avenue, Beijiao Town, Shunde District, Foshan City, Guangdong
Province, P. R. China (Post Code 528311)

Certification Scope: Environmental management activities related to designing, manufacturing and selling of
air-conditioning units for precision computer rooms and rooftop air-conditioning units;
and related to designing, manufacturing, selling, installing and after-sale servicing of
mechanical and electrical equipment for central air-conditioning and heat pump water
heaters; and related to designing and manufacturing of D1/2 pressure vessels,
centrifugal refrigeration compressors, heat exchangers; and related to designing,
manufacturing and maintaining of central air-conditioning systems.



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C146-M

Issuer:

Certification Body (Seal)



Issue Date: September 24, 2021 Expiry Date: September 29, 2024 Initial Issue Date: October 25, 2012

The information of the certificate can be verified through the CNCA's website (www.cnca.gov.cn).
The information and validity of the certificate can be verified through the CVC's website (www.cvc.org.cn).
The validity of the certificate depends on the result of the regular supervision by the CVC in the period of validity.
This certificate continues to be valid only if the certified organization would accept and pass the regular supervision.
(This certificate is main-certificate, attached four subordinate-certificates with certificate No. 15921E20038R3L-1,
15921E20038R3L-2, 15921E20038R3L-3, 15921E20038R3L-4. The subordinate-certificate shall be used with
main-certificate, and with the same period of validity.)

CVC CERTIFICATION & TESTING CO., LTD.

No.3, Tiantaiyi Road, High-tech Industrial Development Zone, Guangzhou, P. R. China

ENERG Y IJA
 енергия · ενέργεια IE IA

Midea MHC-V22W/D2RN8

55°C | 35°C

A+++ | A+++
 A++ | A++
 A+ |
 A |
 B |
 C |
 D |

-- dB
 73dB

■ 22 | ■ 21
 ■ 22 | ■ 22
 ■ 22 | ■ 22
 kW | kW

2019 | 811/2013



Technical parameters

Model(s):	MHC-V22W/D2RN8
Air-to-water heat pump:	YES
Water-to-water heat pump:	NO
Brine-to-water heat pump:	NO
Low-temperature heat pump:	NO
Equipped with a supplementary heater:	NO
Heat pump combination heater:	NO
Declared climate condition:	COLDER

Parameters are declared for medium-temperature application.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	22.4	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	Pdh	13.5	kW
Tj = 2 °C	Pdh	8.6	kW
Tj = 7 °C	Pdh	5.2	kW
Tj = 12 °C	Pdh	3.7	kW
Tj = bivalent temperature	Pdh	13.5	kW
Tj = operating limit	Pdh	13.8	kW
For air-to-water heat pumps: Tj = -15 °C	Pdh	13.8	kW
Bivalent temperature	Tbiv	-7	°C
Cycling interval capacity for heating	P _{cyh}	-	kW
Degradation co-efficient (**)	C _{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P _{off}	0.018	kW
Standby mode	P _{sb}	0.018	kW
Thermostat-off mode	P _{to}	0.096	kW
Crankcase heater mode	P _{ck}	0.000	kW

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L _{WA}	-73	dB
Annual energy consumption	Q _{HE}	21067	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η _s	102	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	COP _d	2.07	-
Tj = 2 °C	COP _d	3.70	-
Tj = 7 °C	COP _d	4.49	-
Tj = 12 °C	COP _d	5.76	-
Tj = bivalent temperature	COP _d	2.07	-
Tj = operating limit	COP _d	1.24	-
For air-to-water heat pumps: Tj = -15 °C	COP _d	1.24	-
For air-to-water heat pumps: Operation limit temperature	TOL	-15	°C
Cycling interval efficiency	COP _{cyh}	-	-
Heating water operating limit temperature	W _{roL}	50	°C
Supplementary heater			
Rated heat output (**)	P _{sup}	22.4	kW
Type of energy input	-		

For air-to-water heat pumps: Rated air flow rate, outdoors	-	10650	m ³ /h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m ³ /h

For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q _{elec}	-	kWh
Annual electricity consumption	AEC	-	kWh
Water heating energy efficiency	η _{wh}	-	%
Daily fuel consumption	Q _{fuel}	-	kWh
Annual fuel consumption	AFC	-	GJ

Contact details: GD Midea Heating & Ventilating Equipment Co. Ltd (Penglai industry road, Beijiao, Shunde, Foshan, Guangdong, P.R China)

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).
 (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

Information requirements for comfort chillers

Model(s):	MHC-V22W/D2RN8						
Outdoor side heat exchanger of chiller:	Air to water						
Indoor side heat exchanger chiller:	Water						
Type:	Compressor driven vapour compression						
Driver of compressor:	Electric motor						
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	20.6	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	185	%
Declared cooling capacity for part load at given outdoor temperature T_j				Declared energy efficiency ratio for part load at given outdoor temperature T_j			
$T_j=+35^{\circ}\text{C}$	P_{dc}	20.6	kW	$T_j=+35^{\circ}\text{C}$	EER_d	2.89	-
$T_j=+30^{\circ}\text{C}$	P_{dc}	14.9	kW	$T_j=+30^{\circ}\text{C}$	EER_d	3.95	-
$T_j=+25^{\circ}\text{C}$	P_{dc}	9.3	kW	$T_j=+25^{\circ}\text{C}$	EER_d	5.37	-
$T_j=+20^{\circ}\text{C}$	P_{dc}	4.3	kW	$T_j=+20^{\circ}\text{C}$	EER_d	6.19	-
Degradation co-efficient for chillers (*)	C_{dc}	0.9	-				
Power consumption in modes other than "active mode"							
Off mode	P_{OFF}	0.017	kW	Crankcase heater mode	P_{CK}	0.000	kW
Thermosat-off mode	P_{TO}	0.084	kW	Standby mode	P_{SB}	0.017	kW
Other items							
Capacity control	variable			For air-to-water comfort chillers: air flow rate, outdoor measured	-	8950	m^3/h
Sound power level, indoors / outdoors	L_{WA}	-73	dB				
Emissions of nitrogen oxides (if applicable)	NO_x (**)	-	mg/kWh input GCV	For water / brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	-	m^3/h
GWP of the refrigerant	-	675	kg CO ₂ eq (100years)				
Standard rating conditions used	Low temperature application						
Contact details	GD Midea Heating & Ventilating Equipment Co. , Ltd. Penglai industry Road, Beijiao, Shunde, Foshan, Guangdong, 528311 P.R. China						
(*) If C_{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0.9. (**) From 26 September 2018.							

Model	Mode	Heating					Cooling	
	Ambient temperature	7/6			2/1	-7/-8	35/24	
	Water temperature	30-35	40-45	47-55	30-35	30-35	23-18	12-7
MHC-V18W/D2RN8	Capacity /W	18000	18000	18000	18000	18000	18500	17000
	Power input /W	3830	5143	6545	5325	6667	3895	5574
	COP / EER	4.70	3.50	2.75	3.38	2.70	4.75	3.05
MHC-V22W/D2RN8	Capacity /W	22000	22000	22000	22000	21000	23000	21000
	Power input /W	5000	6471	8302	7097	8077	5000	7119
	COP / EER	4.40	3.40	2.65	3.10	2.60	4.60	2.95
MHC-V26W/D2RN8	Capacity /W	26000	26000	26000	24000	22000	27000	26000
	Power input /W	6373	8387	10612	8333	8800	6279	9630
	COP / EER	4.08	3.10	2.45	2.88	2.50	4.30	2.70
MHC-V30W/D2RN8	Capacity /W	30100	30000	30000	26000	23000	31000	29500
	Power input /W	7698	10345	13043	9286	9388	7750	11569
	COP / EER	3.91	2.90	2.30	2.80	2.45	4.00	2.55